

AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, Colorado 80537-0599



10-14-04  
ATTORNEY DOCKET NO. 10004024-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Paul LUM

Serial No.: 10/643,071

Examiner: William H. RODRIGUEZ

Filing Date: August 18, 2003

Group Art Unit: 3746

Title: MICRO PADDLE WHEEL PUMP FOR PRECISE PUMPING, MIXING, DISPENSING, AND VALVING OF BLOOD AND REAGENTS

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☐ No additional fee (Address envelope to "Mail Stop Non-Fee Amendments")  
☐ Other: \_\_\_\_\_ (Fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	12	MINUS	14	=	X 18	\$
INDEP. CLAIMS	4	MINUS	3	= 1	X 88	\$ 88.00
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 300	\$
EXTENSION FEE	1 <sup>ST</sup> MONTH 110.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 430.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 980.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1530.00 <input type="checkbox"/>	\$	
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 88.00

Charge \$88.00 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.2 5. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

"Express Mail" label no. EV 527341792 US

Date of Deposit: October 12, 2004

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on The date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Typed Name: Andrew B. Schwaab

Signature: 

Respectfully submitted,  
FINNEGAN, HENDERSON, FARABOW,  
GARRETT ETC.

By 

Andrew B. Schwaab  
Attorney/Agent for Applicant(s)

Reg. No. 38,611

Date: October 12, 2004

Telephone No. 650.849.6643

Appln. No.: 10/643,071  
Amdt./Response submitted Oct. 12, 2004  
Replying to Office Action dated July 12, 2004

PATENT  
Customer No. 22,852  
Attorney Docket No. 10004024-2

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 12, 2004. Express Mail Label No.: EV 527341792 US

Signed: Andrew B. Schwaab  
Andrew B. Schwaab



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Paul LUM ) Group Art Unit: 3746  
Application No.: 10/643,071 ) Examiner: RODRIGUEZ, William  
Filed: August 18, 2003 )  
For: A MICRO PADDLE WHEEL PUMP FOR ) Confirmation No.: 4192  
PRECISE PUMPING, MIXING, DISPENSING, )  
AND VALVING OF BLOOD AND REAGENTS )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

In reply to the Office Action mailed July 12, 2004, please amend the above-identified application as set forth below and consider the following remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims that begin on page 3 of this paper.

**Amendments to the Drawings** are included in the attached new drawing sheets. The amendments are discussed in this paper and are also illustrated in the attached annotated drawing sheets.

**Remarks/Arguments** begin on page 7 of this paper.

**Attachments** to this amendment include Figure 1 (unchanged) and new Figure 2.